

he hunted in a low swampy area vegetated mostly with bamboo on the morning the Simití specimen was collected.

SPECIMENS EXAMINED

Ramphotrigon m. megacephala: **Argentina**. Misiones: Arroyo Urugua-i (AMNH, 6 ♂♂, 4 ♀♀). **Brazil**. Minas Gerais: Serra do Caparaó (AMNH, 1 ♂).

R. m. boliviana: **Bolivia**. Cochabamba: Río Chimoré (AMNH, 2 ♂♂ (including holotype), 1 ♀).

R. m. venezuelensis: **Venezuela**. Barinas: Ciudad Bolivia (AMNH, 1 ♂—holotype).

R. m. pectoralis: **Venezuela**. Amazonas: Sierra Parima (AMNH, 1 ♀—holotype). **Colombia**. Meta: Río Duda (AMNH, 3 ♂♂).

Subspecies not determined: **Colombia**: Bolívar: Simití (USNM, 1 ♂).

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Distributional data on some non-passerine species in Bolivia

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New Departmental records of some non-passerine species in Bolivia are given here, following on Remsen *et al.* (1985). Also for those species already known from Dpts. of the country, new information is given on species found in habitats other than their usual ones. Specimens collected are deposited in the collection of the Estacion Biologica Doñana (EBD).

ORNATE TINAMOU *Nothoprocta ornata*

Known from La Paz, Cochabamba, Oruro and Potosi Dpts. (Remsen & Traylor, in press). Two specimens (EBD 5648A, 5649A), 24 Nov '82, in Cumbre Impora (21°10'S, 65°20'W), Prov. Sud-Cincti, Dpt. Chuquisaca, are a new departmental record and the southernmost locality recorded in Bolivia.

BRUSHLAND TINAMOU *Nothoprocta cinerascens*

One specimen (EBD 11297A), 23 Sep '87, "Cerro Colorado", (19°27'S and 62°21'W), Prov. Velasco, Dpt. Santa Cruz. Known only from Villamontes, Dpt. Tarija (Bond & Meyer de Schauensee 1943). Both localities are in the Chaquean region of Bolivia.

DARWIN'S NOTHURA *Nothura darwini*

Singletons seen, 27 Jul '84, 20 km NW of Sucre, Prov. Oropesa and 21 Nov '84, 5 km E of Sucre, Prov. Yamparaez. Both localities are in Chuquisaca Dpt. Six specimens collected 17 and 18 Nov '88 at Vallegrande, Santa Cruz Dept. Known from La Paz, Oruro, Cochabamba and Tarija Departments (Remsen & Traylor, in press.)

COCOI HERON *Ardea cocoi*

Widespread in Bolivian lowlands (Remsen & Traylor, in press). One was at the unusual altitude of 2500 m, 23 Jul '85, in Laguna Urkupaña, 4 km S of Quillacollo, Cochabamba Dpt.

GREEN-BACKED HERON *Butorides striatus*

Widespread in the lowlands of Bolivia (Remsen & Traylor, in press). One specimen (EBD 4379A) was collected at the exceptional altitude of 3700 m, 10 Dec '81, Pongo, Prov. Murillo, La Paz Dpt., above the tree line on the eastern Andean slope.

BOAT-BILLED HERON *Cochlearius cochlearius*

One specimen (EBD 7455A) collected 27 Sep '84, between Palos Blancos and Sapecho, Alto Beni, Prov Nord-Yungas, La Paz Dpt., in a stream in the easternmost foothills of the eastern Andes. Recorded previously in Dpts. Santa Cruz (Meyer de Schauensee 1966), Beni (Gyldenstolpe 1945) and Cochabamba (Remsen *et al.* 1985).

FULVOUS WHISTLING-DUCK *Dendrocygna bicolor*

One seen 29 Jul '85, Laguna Alalay, Prov. Cercado, Cochabamba Dpt., at roost on a little island with 2 Black-Bellied Whistling-Duck *Dendrocygna autumnalis*. Previously recorded Dpts. of Beni (Schmitt & Schmitt 1987), Santa Cruz (Remsen & Ridgely 1980) and Tarija (Remsen & Traylor 1983).

ANDEAN GOOSE *Chloephaga melanoptera*

Known from la Paz, Cochabamba and Oruro Dpts. (Remsen & Traylor, in press). 2 specimens (EBD 5640A and EBD 5642A) collected 10 Nov '82, Laguna Colorada, Prov Sud-Lipez, Dpt. Potosi, enlarges their range in Bolivia.

TORRENT DUCK *Merganetta armata*

Found in streams of the eastern Andean slopes of the Dpts. la Paz (Niethammer 1953), Cochabamba (Bond & Meyer de Schauensee 1943), Chuquisaca (Remsen *et al.* 1985), Tarija (Hellmayr & Conover 1948) and Potosi (Menegaux 1909). Uncommon in the western part of the eastern Andes. A pair was observed in Suches river, Ulla-Ulla Reserve, Prov. Saavedra, La Paz Dpt., 4400 m. during summer 1982.

CINNAMON TEAL *Anas cyanoptera*

One specimen (EBD 5993A) collected 7 Nov '82, Villa Alota, Prov. Nord-Lipez, Dpto. Potosi, 3800 m. Has been recorded in Dpts. La Paz (Allen 1889), Cochabamba (Remsen *et al.* 1985) and Oruro (Schmitt & Schmitt 1987).

TURKEY VULTURE *Cathartes aura*

Widespread in Bolivia (Remsen & Traylor, in press). Several were seen near the city of Sucre, Chuquisaca Dpt., 14 Jul '84. Although typical of lowlands, one was observed in cordilleran areas of Ulla-Ulla Reserve (Serrano & Cabot 1982), and another on 11 May '85 at Altiplano Central, Konani, 3800 m. Prov. Aroma, La Paz Dpt., an altitudinal record for this species in Bolivia.

BROAD-WINGED HAWK *Buteo platypterus*

One individual (EBD 3363A), 3 Nov '85, "Campamento 6 Agosto" (15°30'S, 75°10'W), Alto Beni, Prov. Ballivian, Beni Dpt., in humid forest of the eastern foothills of the eastern Andes, 800 m. Known from Dpts. Cochabamba (Bond & Meyer de Schauensee 1943) and Santa Cruz (Remsen *et al.* 1985).

RED-BACKED HAWK *Buteo polyosoma*

A pale phase bird was seen 15 Jul '84, 20 km N of Sucre, Chuquisaca Dpt.; 2 specimens, (EBD 11210A and 11225A) were collected 17 and 19 Sep '86, Cerro Colorado, Prov. Cordillera, Santa Cruz Dpt. The latter is the first record of this species in Bolivian lowlands; normally it is found in temperate valleys and the puna (Cabot & Serrano 1986). Known from Dpts. Cochabamba and Oruro (Chubb 1919), Tarija (Lönnerberg 1903) and La Paz (Meyer de Schauensee 1966).

PUNA HAWK *Buteo poecilochrous*

One specimen (EBD 7431A) collected 28 Jul '84, Yura, Prov. Quijarro, Potosi Dpt. at 3840 m. This species is characteristic of the puna and the cordilleran zones (Cabot & Serrano 1986), and has been recorded in Dpts. Cochabamba, Oruro (Bond & Meyer de Schauensee 1943) and La Paz (Vaurie 1962) Dpts.

MOUNTAIN CARACARA *Phalcoboenus megalopterus*

Recorded in Andean regions of La Paz. Potosi (Bond & Meyer de Schauensee 1943), Cochabamba (Hellmayr 1921) and Tarija (Nores & Izurieta 1984) Dpts. New departmental records are of several seen 14 Jul '84, near Sucre city, Chuquisaca Dpt. and numerous individuals seen 16 Aug '84, 4 km S of Oruro city. One individual 17 Aug '84, seen at Humani and another at Andakare, Prov. Carangas, Dpt. Oruro.

SUN-GREBE *Heliornis fulica*

One seen 5 Nov '84 in a small stream between Palos Blancos and Sapecho, Prov. Nord-Yungas, La Paz Dpt. Known from Dpts. Beni (Gyldenstolpe 1945), Cochabamba, Santa Cruz and Tarija (Remsen *et al.* 1985).

WATTLEJACANA *Jacana jacana*

Widely distributed in Bolivian lowlands (Remsen & Traylor in press). One was seen on 12 Nov '85 at Laguna Alalay, at 2500 m near Cochabamba city, an exceptional altitude.

ANDEAN LAPWING *Vanellus resplendens*

One seen 25 Jul '84 at Yotala, Prov. Yamparaez, at 3400 m, Chuquisaca Dpt.

BLACK-NECKED STILT *Himantopus mexicanus*

Three seen on 11 Sep '83 at Huarina, Titikaka Lake, Prov. Omasuyos, La Paz Dpt. at 3800 m, and 8 others, 6 Mar '84, in temporary ponds near Viacha, at 3800 m, both localities in Dpt. La Paz. Previously recorded in Dpts. Cochabamba, Santa Cruz, Oruro and Tarija (Remsen & Traylor, in press).

HUDSONIAN GODWIT *Limosa haemastica*

One seen at Viacha on the same date and in the same habitat as *H. mexicanus* (above). Previously in Dpts Oruro (Pearson 1975) and Santa Cruz (Parker & Rowlett 1984).

SPOTTED SANDPIPER *Actitis macularia*

One specimen (EBD 5515A) collected 27 Sep '82 in Ulla-Ulla reserve at 4460 m, Prov. Saavedra, Dpt. La Paz; 1 specimen (EBD 6038A) collected 2 Nov '82 at Coroico river at 1725 m, Coroico, Prov. Sud-Yungas, Dpt. La Paz. Recorded previously in Bolivian lowlands (Remsen & Traylor, in press).

RUFIOUS-BELLIED SEEDSNIPE *Attagis gayi*

Known from Dpts. La Paz and Cochabamba (Bond & Meyer de Schauensee 1943) almost up to perpetual snow. Specimens (EBD 5651A; 5652A; 5653A; 5654A and 5790A) were collected Nov '82 on the periphery of Laguna Colorada, Prov. Sud-Lipez, Dpt. Potosi. This is a range extension and the first record of this species in the Altiplano; previous records are from the cordilleran zones. The Potosi specimens are pale dorsally, with less flank barring and almost without barring on the undertail coverts, agreeing with the nominate subspecies (Blake 1977), differing from those collected in Dpt. La Paz belonging to *simonsii*.

FRANKLIN'S GULL *Larus pipixcan*

Recorded previously only at Titikaka lake, Dpt. La Paz. A specimen (EBD 8783A) was collected 21 Nov '82 at Quetena, Prov. Sud-Lipez, Dpt. Potosi.

BLACK SKIMMER *Rhynchops niger*

Known from Lake Poopo, Dpts. Oruro (Parker & Rowlett 1984), La Paz (Niethammer 1953) and Santa Cruz (Remsen *et al.* 1985). New records are 6 seen, Sep '82 in the Chapare river, Prov. Chapare and 3 others Apr '84, in Laguna Alalay, Prov. Cercado. Both localities are in Dpt. Cochabamba.

MITRED PARAKEET *Aratinga mitrata*

Several flocks were seen on 28 Nov '84 in the temperate valleys between Dpts. Padilla and Sucre. Previously recorded in Dpts. Santa Cruz, Oruro, La Paz and Cochabamba (Remsen & Traylor, in press).

PLUM-CROWNED PARROT *Pionus tumultuosus*

One specimen (EBD 6316A) collected 10 Mar '83 at Yerbabuena (17°55'S, 64°04'W), Prov. Florida, Dpt. Santa Cruz. Known from Dpts. Cochabamba (Bond & Meyer de Schauensee 1943) and La Paz (Sclater & Salvin 1879).



Figure 1. Map of Bolivia with localities cited in the text. 1. Pando Dpt. 2. La Paz Dpt. 3. Beni Dpt. 4. Cochabamba Dpt. 5. Santa Cruz Dpt. 6. Oruro Dpt. 7. Potosí Dpt. 8. Chuquisaca Dpt. 9. Tarija Dpt.

BURROWING OWL *Athene cunicularia*

One specimen (EBD 5960A) collected 5 Nov '82 near Challapata at 3750 m, Prov. Avaroa, Dpt. Oruro. Recorded previously in the highlands of Bolivia in Dpts. La Paz (Niethammer 1953, Serrano & Anderson 1987) and Potosí (Bond & Meyer de Schauensee 1943). One (EBD 11280A) collected 26 Aug '86, "Los Fierros" (14°20'S, 61°W), Prov. Cordillera, Dpt. Santa Cruz is the easternmost known Bolivian locality of this species.

WHITE-BELLIED HUMMINGBIRD *Amazilia chionogaster*

Only previously known from the western part of Bolivia in the temperate valleys of Dpts. La Paz, Cochabamba, Santa Cruz, Chuquisaca and Tarija (Bond & Meyer de Schauensee 1943). A specimen (EBD 11135A) was collected 26 Aug '86 at Serrania Caparuch (14°33'S, 61°11'W), Prov. Velasco, Dpt. Santa Cruz.

GREEN-TAILED TRAINBEARER *Lesbia nuna*

According to Remsen & Traylor (in press) this species is distributed in the Bolivian temperate valleys. One specimen (EBD 3168A) was collected 17 Jan '82 at Charazani, 3400 m, Prov. Saavedra, Dpt. La Paz on the eastern Andean slopes in the upper humid subtropical forest below the

tree line. This habitat is very different from that previously reported for this species in Bolivia.

GREY-CHEEKED NUNLET *Nonnula ruficapilla*

One specimen (EBD 11078A) collected 26 Sep '86 at "Los Fierros", Prov. Velasco, Dpt. Santa Cruz. Known from Dpts Pando and La Paz (Remsen & Traylor, in press).

CHECKERED WOODPECKER *Picoides mixtus*

One specimen (EBD 11128A) collected 29 Sep '86 at "Perforacion" (19°30'S, 62°30'W), Prov. Cordillera. Dpt. Santa Cruz. Known previously only from Dpt. Oruro (Laubmann 1930).

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Notes on Philippine birds, 12. An undescribed subspecies of *Centropus viridis*

by Kenneth C. Parkes & David M. Niles

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The Philippine Coucal *Centropus viridis* is an abundant species, found virtually throughout the Philippine archipelago. Three subspecies are recognized at present (duPont 1971, *Philippine Birds*, Delaware Mus. Nat. Hist.), of which 2 are melanic: the large *C. v. carpenteri* Mearns of the Batanes Islands north of Luzon; and *C. v. mindorensis* (Steere) of the island of Mindoro. No geographic variation has been suggested within the 'normally' pigmented populations (adults black glossed with green except for wings, which are chestnut). DMN measured the series of *C. v. viridis* in the Delaware Museum of Natural History (DMNH), and found no significant differences in wing, tail, exposed culmen and tarsus length among samples of populations from the islands of Catanduanes, Cebu, Dinagat, Luzon, Leyte, Marinduque, Masbate, Mindanao, Negros, Panay, Polillo, Samar, Siargao, Sibuyan, Tablas and Ticao.

The small island of Fuga is one of the Babuyanes group, lying in Luzon Strait between Luzon and the Batanes group. A collection of birds from Fuga recently received by the DMNH includes 5 adult specimens of *Centropus viridis*. These clearly represent an undescribed subspecies linking the nominate race with *carpenteri* of the Batanes; it may be called

***Centropus viridis major* subsp. nov.**

Holotype. DMNH 70326, adult female, collected at 200 ft a.s.l. on Fuga Island, Babuyanes group, Philippines, on 16 March 1980, by Filipino collectors for the DMNH.

Description. Similar in colour to nominate *viridis* of nearby Luzon and the Philippines in general, but wings decidedly longer, and tail, exposed culmen and tarsus all averaging significantly longer (Table 1). Similar in its large size to the melanic race *carpenteri* of the Batanes Islands to the